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MEMORANDUM

Date: August 12, 1987

To: B. Halley, H. Kneble, G. Hill, T. Aldrich, S. Barton,
J. Newell, T. O'Brien, G. Sexton, N. Soderberg,
B. Henry (DMA), T. Cocke (State Department)

From: J. Dodd

Subject: Cruise Report M/V Starella

Cruise No.: S3-87-CI

Parent Project: Defense Mapping Agency Gravity

Funding Agency: Defense Mapping Agency

Funding Amount:

Contract No.:

Contract Start/End Dates: October 1, 1986 - open

Area of Operation: Canary Islands

Cruise Start/End Dates, Ports: 12 May 1987 - Las Palmas, Canary Islands
16 June 1987 - Las Palmas, Canary Islands

Chief Scientist: Jim Dodd, Bill Strahle

Cruise Data Curator: Jim Dodd, Bill Strahle

Scientific Party, Affiliation:

Jim Dodd	USGS-AMG
Bill Strahle	USGS-AMG
Cathy Delorey	USGS-AMG
Candace Lane	USGS-AMG
Carol Renaud	USGS-AMG
Noemi Rosado	USGS-AMG
Barry Irwin	USGS-AMG
Ron Circe	USGS-AMG
Jim McCullough	WHOI
John Haaglund	Nortech
John Ryland	Racal Survey

Ships Captain: John Nichols

Purpose: The purpose of this cruise was to collect gravity and bathymetry data around the Canary Islands on a 3 nmi grid with an internal consistency of +/- 3 milligals. Concurrently, work was continued on tying the General Electric 810 Correlation Sonar equipment into the Magnavox 5000 Integrated Navigation System and the USGS Data Collection System.

Navigation Techniques: Global Positioning System (satellite), Racal Hyperfix (radio, shore-based) and Racal Microfix

Canary Islands

